

Automatic Line for fast Punching Out the Riser of Al-Wheels

Key words:

- Fully automatic, fast speed cycle time **15 – 20 seconds**; suitable for OEM wheel mass production.
- Standard design for wheels up to 20" diameter
- Special design for wheel above 20" diameter
- No cutting chips, no water (enhanced environment protection)
- Aluminium sprue can be remelted directly without pre-treatment



Stand-alone desprue machine (semi-auto)



Continuous automatic desprue machine line



Positioning of wheel



Punching out



Punched out sprues for recycling

Semi-automatic:

- Visual identification of wheel type
- Manual push button for desprueing

Fully automatic:

- Option: Wheel identification and wheel traffic management software
- Automatic line for punching out of sprue

Wheel press installation

Technical Specification

Wheel size:

Inner diameter from \varnothing 285 – 475 mm

(Alternatively from \varnothing 310 – \varnothing 530 mm for bigger head size). Can be tailor made for extra big sizes of wheels.

Types of wheels: no matter, if sprue and tool design fit together

max. punching height: depends on diameter and material strength

punching height/punching dia.: max. 6-8/10, depending on diameter and material

punching hole diameter: max. 48 mm (58 mm in bigger head size)

Conveyor height: 900-915 mm

Removal of main cylinder: to the top

Wheel identification: As option

Wheel traffic: As option

Punching time: 15 sec. to 20 sec. floor to floor

Machine position: Left hand or right hand position, as needed

Error indication:

Indicator lights (3) for levelling pads

Indicator lights (3) for centering arms

Indicator light (1) for home position centering arms

Wheel transport in the machine: Chain system

Electrics: 380 V +/-10% or according to requirements